INFORMATION PAPER

AMSRD-TAR-E   5 September 2008

SUBJECT: TARDEC Systems Engineering QFD Initiative

1. Purpose.

    The purpose of this initiative is to identify, define and prioritize the key system engineering processes and procedures that will meet the needs of the customer via the quality function deployment (QFD) process.

2. Facts.

    a. There will be 4 workshops. The first 2 workshops will be attended by the participant list below and are scheduled for October 1st and 2nd for workshop #1 and October 9th for workshop #2.

Participant	Organization
Pete Haniak	PEO GCS
Mark Mazzara	PEO CS&CSS
Mitchell Kozera	PEO CS&CSS
Kathy Jackson	ILSC
Tom Landy	PM FCS
Randal Gaereminck	Depots
Chris Turner	DLA
Kevin Houser	PM HBCT
Terry Dean	PM Stryker
Fred Balling	PM Force Projection
David Krawchuk	PM MRAP
Terry Gonda	Transformation Cell
Joe Keusch	PEO CS&CSS
Paul Skalny	NAC
Robert Halle	PM MBE

    b. The last 2 workshops will be held in late October/early November and will be attended by practicing system engineers within the organizations listed above.

    c. The events of each workshop are listed below.

        o Workshop #1

          • Keynote address

          • Participant orientation

          • Discuss SE Enterprise Attributes (Customer Needs / WHATS) with definitions and weights for each by: (1) Importance; (2) Current and Desired Degree of Achievement; (3) How well others are achieving; (4) Sales Point; (5) Overall value for each Attribute

- ▪ Discuss SE Attribute Enablers (High Level Developer HOWS)
  - o Workshop #2
    - • Populated House of Quality (#1)
    - • Complete Technical Matrix
    - • Assessment of how much each alternative Attribute Enabler supports or detracts from every other Attribute Enabler
    - ▪ Quick-look at results – Value for each Attribute Enabler based on its contribution toward achieving the Vision
  - o Workshop # 3
    - • Review results from QFD #1
    - ▪ Discuss sets of SE Implementation Functions with definitions
  - o Workshop #4
    - • Populated House of Quality (#2)
    - • Complete Technical Matrix
    - • Assessment of how much each alternative Implementation Function supports or detracts from every other Implementation Function
3. Recommendation.
   a. We would recommend participation in this event.

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